

NSHP-1

RESERVATION APPLICATION FORM NEW SOLAR HOMES PARTNERSHIP

1. Applicant Name and Contact Information

Homeowner or Builder/Developer Name

MARTHA SMITH

Phone Number

(562) 123-4567

Email Address

msmith@earthtest.net

Please check one of the following:

I am the: ☒ Homeowner ☐ Builder/Developer

Mailing Address

123 Smith Rd.

City:

Whittier

State:

CA

Zip Code:

90602

Contact Name (if different from above) & Company

John Ashley, Ashley Construction

Address

15

Whittier, CA 90602

INFORMATION ONLY

solarconstruct@test.net

2. Project Description

Please give a general project description including the site address of development.

Name of project: Martha Smith Residence

Address to where the system will be installed (if this is a housing development, only the city or location to nearest city needs to be specified): 123 Green way, Whittier, CA 90602

Please check all that apply to your project:

Occupancy type: ☒ Single Family ☐ Multifamily/Mixed Occupancy

Reservation type: ☐ Solar as Standard (More than 50 percent of the residential dwelling units in a large project (minimum of 6 residential dwelling units) will have solar energy systems installed)

☒ Base Incentive

- ☐ Custom home
- ☐ Small housing developments with less than 6 residential units
- ☐ Projects where solar will be installed on less than 50 percent of the residential dwelling units
- ☐ Common area systems in residential developments
- ☐ Solar as an Option (Please note, if solar is offered as an option, your reservation can only be for up to 50 percent of the residential dwelling units in the project)

Total number of residential dwelling units in the project: _____

Total number of residential dwelling units with solar energy systems installed: _____

☐ Affordable Housing

☐ Total number of common areas systems installed: _____

☐ Total number of residential dwelling units with solar energy systems installed: _____

Please note that only Solar as Standard, affordable housing, and solar as an option projects will receive a 36-month reservation. All others will receive an 18-month reservation.

For custom home applicants to complete

Anticipated new construction permit issue date(s): 12/19/09

Anticipated solar permit issue date(s): 7/15/10 Anticipated occupancy permit issue date(s): 12/15/10

Please note that the building permit for the solar energy system should be approved by the building code enforcement agency prior to the original occupancy of the newly constructed building, but no later than 60 days after the issuance of the occupancy permit.

3. Electric Utility, Participation in Utility's Energy Efficiency Program

Please select the utility providing electricity to the project: ☐ PG&E ☒ SCE ☐ SDG&E ☐ BVE

Is your project participating in the electric utility's residential new construction program? ☒ Yes ☐ No

Please note that projects participating in the electric utility's residential new construction program can waive the submission of the energy efficiency documentation.

4. Home Energy Rating System (HERS) Information³⁰ (if available)

	HERS Rater Company	HERS Rater	Phone number	HERS Provider
Energy efficiency measures verification	Star Energy	Larry Wild	(000) 555-1111	CalCERTs
Solar energy system field verification	Star Energy	Larry Wild	(000) 555-1111	CalCERTs

5. Required Supporting Documentation

Solar as Standard Projects:

- ☐ Final Subdivision Map
- ☐ EPBI Documentation
 - ☐ CF-1R-PV form
 - ☐ Electronic input files (.emf, .her)
- ☐ Equipment Purchase Agreement**
- ☐ Labor Contract (if separate from the equipment purchase agreement)
- ☐ Energy Efficiency Documentation*
 - ☐ CF-1R form
 - ☐ Electronic input file (.bld/.mp7, .mp8)
 - ☐ Construction plan set

Base Incentive Projects, except Solar as an Option:

- ☒ Final Subdivision Map/Building Permit
- ☒ EPBI Documentation
 - ☒ CF-1R-PV form
 - ☒ Electronic input files (.emf, .her)
- ☒ Equipment Purchase Agreement
- ☒ Labor Contract (if separate from the equipment purchase agreement)
- ☒ Energy Efficiency Documentation*
 - ☒ CF-1R form
 - ☒ Electronic input file (.bld/.mp7, .mp8)
 - ☒ Construction plan set

Solar as an Option Projects:

- ☐ Final Subdivision Map
- ☐ Equipment Purchase Agreement**
- ☐ Labor Contract (if separate from the equipment purchase agreement)
- To be submitted later when installation details are specified:**
 - ☐ EPBI Documentation
 - ☐ CF-1R-PV form
 - ☐ Electronic input files (.emf, .her)
 - ☐ Energy Efficiency Documentation*
 - ☐ CF-1R form
 - ☐ Electronic input file (.bld/.mp7, .mp8)
 - ☐ Construction plan set

INFORMATION ONLY

Affordable Housing Projects: in addition to a copy of the regulatory agreement, submit all required supporting documentation pertaining to the project's housing type. TCAC projects have up to 60 days after funding approval to submit the Energy Efficiency Documentation.

**Waived if participating in a utility residential new construction program*

***In the case of lease or PPA projects, an installation contract with equipment listed shall replace the equipment purchase agreement.*

6. Declaration

The undersigned party declares under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of his or her knowledge and acknowledges the following program requirements to reserve funding:

- ☒ Incentives are based on the expected performance of the systems installed.
- ☒ Buildings must achieve at a minimum Tier I Energy Efficiency to be eligible for the program.
- ☒ Systems that are leased or provide electricity under a power purchase agreement are subject to special reporting requirements. Applicant may be required to repay some or all of the NSHP funding he or she receives if the system is leased or provides electricity through a power purchase agreement, and the lease agreement or power purchase agreement is terminated within five years of the system's installation or the start date of the agreement, whichever is later.

The undersigned party further acknowledges that he or she is aware of the requirements and conditions of receiving funding under the New Solar Homes Partnership (NSHP) and agrees to comply with all such requirements and conditions as provided in the Energy Commission's NSHP Guidebook, Third Edition, and Overall Program Guidebook as a condition to receiving funding under the NSHP. The undersigned party authorizes the Energy Commission, during the term of the NSHP, to exchange information on this form with applicable electric utility servicing the project to verify compliance with NSHP requirements.

Signature, Assignment of Administrative Rights and Incentive Recipient Information

Homeowner or Builder/Developer Name: <u>Martha Smith</u> Signature: <u>Martha Smith</u>	Date: <u>4/22/10</u> Title: <u>Homeowner</u>
(Optional) <input checked="" type="checkbox"/> I, the applicant, am designating <u>John Ashley</u> as my authorized representative for the New Solar Homes Partnership program. This party is permitted to sign the NSHP-2(s) and any revised EPBI Documentation on this project on my behalf.	
Designated Payee of NSHP Incentive: <u>John Ashley</u> Payee's Address: <u>15 Ohio Way, Whittier, CA 90602</u>	

³⁰ It will be the responsibility of the applicant to provide this information to the program administrators at the earliest opportunity, if not available at this time. This information is used to upload the project information to the HERS registry and has to occur in a timely manner at least 6 months prior to the field verification process.

BUILDING PERMIT

COUNTY PLANNING AND BUILDING INSPECTION DEPARTMENT
(562)111-1111

PERMIT NO.: 000100

ISSUED: 12/19/09

JOB ADDRESS: 123 Green Way, Whittier, CA 90602

OWNER: Martha Smith
123 Smith Rd
Whittier, CA 90602

INFORMATION ONLY

CONTRACTOR: John Ashley
Ashley Construction
15 Ohio Way
Whittier, CA 90602

JOB DESCRIPTION: Construction of a Single Family Dwelling.

<u>Mechanical</u>	<u>Date</u>	
Floor Ducts		
Kitchen Fan Duct		
Bath Fan Duct		
Furnace		
Air Conditioning		
<u>Electrical</u>	<u>Date</u>	
Below Slab Electrical		
Below Floor Electrical		
Above Floor Electrical		
Rough Electrical		
<u>Plumbing</u>	<u>Date</u>	
Water Piping		
Gas Pipe		
Shower Pan		
Sewer Line Connection		
Water Line Connection		
<u>FINAL</u>	<u>Date</u>	
Mechanical		
Electrical		
Plumbing		

The Martha Smith Residence

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Project Title

The power output values in this table are for one inverter. For microinverters only, the values are for the specified Number of Inverters per Site with Identical Design Details.

Date

FIELD VERIFICATION TABLE

FVT110

Irradiance on Tilted Surface (W/m²)	Temperature (degrees Fahrenheit)																			
	T=15	T=20	T=25	T=30	T=35	T=40	T=45	T=50	T=55	T=60	T=65	T=70	T=75	T=80	T=85	T=90	T=95	T=100	T=105	T=110
300	1929	1909	1890	1870	1850	1831	1811	1791	1771	1751	1731	1711	1691	1671	1651	1631	1611	1590	1570	1550
325	2093	2071	2050	2029	2008	1986	1965	1943	1922	1900	1879	1857	1835	1813	1792	1770	1748	1726	1704	1682
350	2257	2234	2211	2188	2165	2142	2119	2096	2073	2049	2026	2003	1979	1956	1932	1909	1885	1862	1838	1814
375	2422	2397	2373	2348	2323	2299	2274	2249	2224	2199	2174	2149	2124	2099	2074	2049	2023	1998	1973	1947
400	2587	2561	2535	2508	2482	2456	2429	2403	2376	2350	2323	2296	2269	2243	2216	2189	2162	2135	2108	2081
425	2751	2724	2697	2669	2642	2613	2585	2557	2529	2501	2472	2444	2415	2387	2358	2329	2301	2272	2243	2214
450	2914	2885	2856	2828	2799	2770	2740	2711	2682	2652	2622	2592	2562	2531	2501	2471	2440	2410	2379	2348
475	3077	3047	3016	2986	2955	2925	2894	2863	2832	2801	2770	2739	2708	2676	2644	2612	2580	2548	2515	2483
500	3240	3208	3176	3144	3112	3080	3048	3016	2983	2950	2918	2885	2852	2819	2786	2753	2719	2686	2652	2618
525	3403	3370	3337	3303	3269	3236	3202	3168	3134	3100	3065	3031	2996	2962	2927	2892	2857	2822	2787	2752
550	3566	3531	3497	3462	3426	3391	3356	3320	3284	3249	3213	3177	3141	3104	3068	3032	2995	2958	2922	2885
575	3729	3693	3656	3620	3583	3546	3509	3472	3435	3398	3360	3323	3285	3247	3209	3171	3133	3095	3056	3017
600	3893	3855	3817	3778	3740	3701	3663	3624	3585	3546	3507	3468	3429	3389	3350	3310	3270	3230	3190	3150
625	4057	4017	3977	3937	3897	3857	3816	3776	3735	3695	3654	3613	3572	3531	3490	3449	3407	3366	3324	3282
650	4220	4178	4137	4095	4053	4012	3970	3927	3885	3843	3800	3758	3715	3673	3630	3587	3544	3501	3457	3414
675	4382	4339	4296	4253	4209	4166	4122	4078	4034	3991	3946	3902	3858	3814	3769	3724	3680	3635	3590	3545
700	4544	4499	4454	4409	4364	4319	4274	4228	4183	4137	4092	4046	4000	3954	3908	3861	3815	3769	3722	3675
725	4704	4658	4612	4565	4518	4472	4425	4378	4331	4283	4236	4188	4141	4093	4045	3997	3949	3899	3853	3804
750	4864	4816	4768	4720	4671	4623	4574	4526	4477	4428	4379	4330	4281	4231	4182	4132	4082	4031	3982	3932
775	5022	4973	4923	4873	4823	4773	4723	4673	4622	4572	4521	4470	4419	4368	4317	4266	4214	4162	4111	4059
800	5179	5128	5077	5025	4974	4922	4870	4818	4766	4714	4662	4609	4557	4504	4451	4398	4345	4291	4239	4185
825	5334	5281	5229	5176	5123	5069	5016	4962	4909	4855	4801	4747	4693	4638	4584	4529	4475	4419	4365	4310
850	5488	5434	5380	5325	5270	5215	5160	5105	5050	4994	4939	4883	4827	4771	4715	4659	4603	4546	4489	4433
875	5641	5586	5531	5475	5419	5363	5307	5250	5194	5137	5080	5023	4966	4909	4851	4794	4736	4678	4619	4561
900	5793	5737	5681	5624	5567	5510	5453	5395	5337	5279	5221	5162	5104	5045	4986	4927	4868	4808	4749	4689
925	5944	5887	5830	5772	5714	5656	5597	5538	5479	5420	5361	5302	5242	5183	5123	5064	5004	4944	4884	4824
950	6094	6036	5978	5919	5860	5801	5742	5682	5623	5563	5503	5443	5383	5323	5263	5203	5143	5083	5023	4963
975	6244	6185	6126	6066	6006	5946	5886	5826	5766	5706	5646	5586	5526	5466	5406	5346	5286	5226	5166	5106
1000	6393	6334	6274	6214	6154	6094	6034	5974	5914	5854	5794	5734	5674	5614	5554	5494	5434	5374	5314	5254
1025	6541	6481	6421	6361	6301	6241	6181	6121	6061	6001	5941	5881	5821	5761	5701	5641	5581	5521	5461	5401
1050	6688	6628	6568	6508	6448	6388	6328	6268	6208	6148	6088	6028	5968	5908	5848	5788	5728	5668	5608	5548
1075	6834	6774	6714	6654	6594	6534	6474	6414	6354	6294	6234	6174	6114	6054	5994	5934	5874	5814	5754	5694
1100	6979	6919	6859	6799	6739	6679	6619	6559	6499	6439	6379	6319	6259	6199	6139	6079	6019	5959	5899	5839
1125	7123	7063	7003	6943	6883	6823	6763	6703	6643	6583	6523	6463	6403	6343	6283	6223	6163	6103	6043	5983
1150	7266	7206	7146	7086	7026	6966	6906	6846	6786	6726	6666	6606	6546	6486	6426	6366	6306	6246	6186	6126
1175	7408	7348	7288	7228	7168	7108	7048	6988	6928	6868	6808	6748	6688	6628	6568	6508	6448	6388	6328	6268
1200	7549	7489	7429	7369	7309	7249	7189	7129	7069	7009	6949	6889	6829	6769	6709	6649	6589	6529	6469	6409

INFORMATION ONLY

The Martha Smith Residence

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Project Title

Date

COMPLIANCE STATEMENT

This certificate of compliance lists the PV features and specifications needed to comply with the NSHP Guidebook requirements. This certificate has been signed by the individual with overall project responsibility. The undersigned recognizes that the PV installation will require installation, testing and certification and field verification by an approved HERS rater.

INFORMATION ONLY

Homeowner or Builder/Developer or Applicant's Authorized Representative

Name: Martha Smith
Title/Firm: Homeowner
Address: 123 Smith Rd.
Whittier, CA 93291
Telephone: 916-123-4567
Lic. #: N/A

Martha Smith 4/22/10
(signature) (date)

Documentation Author

Name: John Ashley
Title/Firm: Ashley Construction
Address: 15 Ohio Way
Whittier, CA 90602
Telephone: 562-011-0111

John Ashley 4/22/10
(signature) (date)

Equipment Purchase Agreement/Labor Contract

Ashley Construction
15 Ohio Way
Whittier, CA 90602
(562)011-0111
California License #000000
Expires 09/31/11

INFORMATION ONLY

Martha Smith / Owner
123 Smith Rd.
Whittier, CA 90602

System Details

This contract is for the sale and installation of a 72-module, 14.48 kW (AC), grid-tied photovoltaic system installed at:

The Martha Smith Residence
123 Green Way.
Whittier, CA 93291

The system consists of 72 Sunpower Corporation SPR-230-WHT-U modules, and 2 SMA America SB7000US (240V) inverters. The contract covers equipment, hardware, installation, connecting to the grid, application for the Net Energy Metering agreement with the utility company, building permit, sales tax, warranty, cleanup and removal of debris from the installation. The final size, mounting location, and orientation of the system may change upon approval of both parties.

14.48 kW (AC) Solar Electric System

72 ea. Sunpower Corporation SPR-230-WHT-U

2 ea. SMA America SB7000US (240V)

Other Parts and Materials, Labor to complete the job and connect to the grid.

Total Price	\$145,255.00
Estimated Incentive (NSHP)	\$18,196.00
Total Price After Incentive	\$127,059.00

Terms of Payment

- 1) \$1000.00 due upon signing of contract.
- 2) \$87,449.00 due upon delivery of materials to job site.
- 3) \$37,610.00 due upon installation of photovoltaic system.
- 4) \$1000.00 due upon interconnection of system.
\$127,059*

The contractor is required by law to provide you with a notice of the three-day right to cancel. Please initial the following line if you have received this notice.

MS Yes, I have received the notice of the three-day right to cancel.

I have read and accept the contract terms.

INFORMATION ONLY

X Martha Smith
Martha Smith / Owner
123 Smith Rd
Whittier, CA 90602

Date 4/22/10

X John Ashley
John Ashley / Contractor
Ashley Construction
15 Ohio Way
Whittier CA 90602

Date 4/22/10

PERFORMANCE CERTIFICATE: Residential					(Part 1 of 5)		CF-1R	
Project Name Smith Residence			Building Type <input checked="" type="checkbox"/> Single Family <input type="checkbox"/> Addition Alone <input type="checkbox"/> Multi Family <input type="checkbox"/> Existing+ Addition/Alteration				Date 4/21/2010	
Project Address 123 Green Way Whittier			California Energy Climate Zone CA Climate Zone 09		Total Cond. Floor Area 2,000		Addition n/a	
FIELD INSPECTION ENERGY CHECKLIST								
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HERS Measures -- If Yes, A CF-4R must be provided per Part 2 of 5 of this form.								
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Special Features -- If Yes, see Part 2 of 5 of this form for details.								
INSULATION								
Construction Type			Cavity	Area (ft ²)	Special Features (see Part 2 of 5)	Status		
INFORMATION ONLY								
Roof Wood Framed Attic			R-22					
Wall Wood Framed			R-13	1,812		New		
Door Opaque Door			None	38		New		
Floor Wood Framed w/Crawl Space			R-13	600		New		
FENESTRATION								
Orientation		Area(ft ²)	U-Factor	SHGC	Overhang	Sidefins	Exterior Shades	Status
Front (N)		120.0	0.340	0.33	none	none	Bug Screen	New
Left (E)		64.0	0.340	0.33	none	none	Bug Screen	New
Rear (S)		142.0	0.340	0.33	none	none	Bug Screen	New
Right (W)		64.0	0.340	0.33	none	none	Bug Screen	New
HVAC SYSTEMS								
Qty.	Heating	Min. Eff	Cooling	Min. Eff	Thermostat	Status		
1	Central Furnace	94% AFUE	Split Air Conditioner	15.0 SEER	Setback	New		
HVAC DISTRIBUTION								
Location		Heating	Cooling	Duct Location		Duct R-Value	Status	
Res HVAC		Ducted	Ducted	Attic, Ceiling Ins, vented		8.0	New	
WATER HEATING								
Qty.	Type	Gallons	Min. Eff	Distribution		Status		
1	Small Gas	50	0.70	Kitchen Pipe Ins		New		
EnergyPro 5.0 by EnergySoft User Number: 1001 RunCode: 2010-04-21T13:33:5 ID: 1 Page 1 of 5								

PERFORMANCE CERTIFICATE: Residential

(Part 3 of 5)

CF-1R

Project Name <i>Smith Residence</i>	Building Type <input checked="" type="checkbox"/> Single Family <input type="checkbox"/> Addition Alone <input type="checkbox"/> Multi Family <input type="checkbox"/> Existing+ Addition/Alteration	Date <i>4/21/2010</i>
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ANNUAL ENERGY USE SUMMARY

TDV (kBtu/ft ² -yr)	Standard	Proposed	Margin
Space Heating	4.92	6.38	-1.46
Space Cooling	28.46	21.01	7.45
Fans	8.10	8.44	-0.34
Domestic Hot Water	17.05	13.81	3.24
Pumps	0.00	0.00	0.00
Totals	58.54	49.65	8.89
Percent Better Than Standard:			15.19%

INFORMATION ONLY**BUILDING COMPLIES - HERS VERIFICATION REQUIRED**

Building Front Orientation:	(N) 0 deg	Ext. Walls/Roof	Wall Area	Fenestration Area
Number of Dwelling Units:	1.00	(N)	640	120
Fuel Available at Site:	Natural Gas	(E)	480	64
Raised Floor Area:	600	(S)	640	142
Slab on Grade Area:	0	(W)	480	64
Average Ceiling Height:	8.0	Roof	1,200	0
Fenestration Average U-Factor:	0.34		TOTAL:	390
Average SHGC:	0.33		Fenestration/CFA Ratio:	19.5 %

REMARKS**STATEMENT OF COMPLIANCE**

This certificate of compliance lists the building features and specifications needed to comply with Title 24, Parts 1 the Administrative Regulations and Part 6 the Efficiency Standards of the California Code of Regulations.

The documentation author hereby certifies that the documentation is accurate and complete.

Documentation Author

Company	<i>California Energy Commission</i>	Name	<i>C. Olvera</i>	Date	<i>4/21/2010</i>
Address	<i>1516 9th Street</i>				
City/State/Zip	<i>Sacramento, CA 95814</i>	Phone		Signed	

The individual with overall design responsibility hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application, and recognizes that compliance using duct design, duct sealing, verification of refrigerant charge, insulation installation quality, and building envelope sealing require installer testing and certification and field verification by an approved HERS rater.

Designer or Owner (per Business & Professions Code)

Company	<i>Homeowner</i>	Name	<i>Martha Smith</i>	Signed		License #		Date	
Address	<i>123 Green Way</i>								
City/State/Zip	<i>Whittier, CA 93291</i>	Phone							

Build-Out Schedule

NSHP Project: Rolling Hills Estates, Whittier, CA 90602

Address	Construction Completed	Start Solar Installation	End Solar Installation	Payment Claim Submittal
Rolling Hills Estates Solar as Option 1	7/25/2010	6/13/2010	7/7/2010	8/10/2010
Rolling Hills Estates Solar as Option 2	7/25/2010	6/13/2010	7/7/2010	8/10/2010
Rolling Hills Estates Solar as Option 3	8/1/2010	6/13/2010	7/7/2010	8/22/2010
Rolling Hills Estates Solar as Option 4	8/2/2010	6/23/2010	7/9/2010	8/22/2010
Rolling Hills Estates Solar as Option 5	8/2/2010	6/23/2010	7/9/2010	8/22/2010
Rolling Hills Estates Solar as Option 6	8/2/2010	6/24/2010	7/10/2010	8/22/2010
Rolling Hills Estates Solar as Option 7	8/2/2010	6/25/2010	7/11/2010	8/22/2010
Rolling Hills Estates Solar as Option 8	10/14/2010	8/1/2010	9/1/2010	11/19/2010
Rolling Hills Estates Solar as Option 9	10/14/2010	8/1/2010	9/1/2010	11/19/2010
Rolling Hills Estates Solar as Option 10	10/15/2010	8/2/2010	9/2/2010	11/19/2010
Rolling Hills Estates Solar as Option 11	10/15/2010	8/2/2010	9/2/2010	11/19/2010
Rolling Hills Estates Solar as Option 12	10/15/2010	8/2/2010	9/2/2010	11/19/2010
Rolling Hills Estates Solar as Option 13	11/14/2010	8/25/2010	10/4/2010	12/28/2010
Rolling Hills Estates Solar as Option 14	1/22/2011	11/10/2010	12/15/2010	2/4/2011
Rolling Hills Estates Solar as Option 15	3/9/2011	1/7/2011	2/12/2011	4/15/2011
Rolling Hills Estates Solar as Option 16	4/20/2011	1/11/2011	2/27/2011	5/10/2011
Rolling Hills Estates Solar as Option 17	5/20/2011	2/1/2011	3/4/2011	6/28/2011
Rolling Hills Estates Solar as Option 18	5/20/2011	2/2/2011	3/5/2011	6/28/2011
Rolling Hills Estates Solar as Option 19	5/20/2011	2/5/2011	3/10/2011	6/28/2011

NSHP-1.5

SOLAR AS AN OPTION APPROVAL FORM NEW SOLAR HOMES PARTNERSHIP

1. Confirmation of Reservation Amount

This is to confirm that financial incentives have been reserved for Rolling Hills Estates through the NSHP. The amount of funding reserved for your project is \$ \$100,000.00.

The reserved funding is based on the following formula:

Total number of homes in a development or build-out phase x 50% x 2 kW per home x base incentive

Your reservation period begins 4/20/10 at Ashley Construction (designated payee).

INFORMATION ONLY

The exact incentive amount for each site will not be confirmed until the applicant identifies a specific site to which a solar energy system will be installed. At that point, the applicant shall provide a copy of this form and the remaining required supporting documentation pertaining to the site to the Program Administrator. The Program Administrator will review and approve the information submitted. Once approved, the exact incentive amount will be confirmed, and the applicant will be provided a Payment Claim Form (NSHP-2) for the specified site.

2. Site Address

Address to where the system will be installed: 2102 Rolling Hills Drive, Lot 12

3. Home Energy Rating System (HERS) Information³¹ (if previously not provided)

	HERS Rater Company	HERS Rater	Phone number	HERS Provider
Energy efficiency measures verification	Star Energy	Larry Wild	(000)555-1111	CalCERTS
PV installation field verification	Star Energy	Larry Wild	(000)555-1111	CalCERTS

4. Signatures

The undersigned parties declare under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of their knowledge.

Applicant/ Authorized Representative	Required Supporting Documentation
Name: _____	<input type="checkbox"/> EPBI Documentation <ul style="list-style-type: none">• CF-1R-PV form• Electronic input files (.emf, .her) <input type="checkbox"/> Energy Efficiency Documentation* <ul style="list-style-type: none">• CF-1R form• Electronic input file (.bld/.mp7, .mp8)• Construction plan set <i>*Waived if participating in a utility residential new construction</i>
Title: _____	
Signature: <u>J. Ashby</u>	
Date: _____	

For the latest mailing address information, visit [<http://www.gosolarcalifornia.ca.gov/contactus.html>]. Alternatively, you may submit your application via the NSHP application tool at [<https://www.newsolarhomes.org>]. Please visit the Go Solar California website for tutorials on how to use the application tool.

³¹ It will be the responsibility of the applicant to provide this information to the program administrators at the earliest opportunity, if not available at this time. This information is used to upload the project information to the HERS database and has to occur in a timely manner at least 6 months prior to the field verification process.

NSHP-2

PAYMENT CLAIM FORM NEW SOLAR HOMES PARTNERSHIP

Incentive @ _____ = \$ _____

Payment Approval Date: _____

[CEC use only]

Reservation ID

NPOAAA

Project Name

The Martha Smith Residence

Address or

Site ID

NS011

1. Confirmation of Reservation Amount

The Martha Smith Residence has been granted a reservation of \$ 18,196.00 for a 14.48 kW solar energy system. This reservation is for a Custom Home project and will expire on 12/1/12. The system is being installed at 123 Green Way. The payment will be made to Ashley Construction (designated payee).

The solar energy system must be completed and the claim submitted by the expiration date or the reservation will expire. The claim must be postmarked by the expiration date or the reservation will expire. The claim must be submitted to the installation address.

INFORMATION ONLY

2. Major System Equipment of Record (Modules, Inverters, Meters)

Quantity	Manufacturer	Model	Cost
72	Sunpower Corporation	SPR-230-WHT-U	\$ 27,500.00
2	SMA America	SB7000US(240V)	\$ 6,000.00

3. System Details

Total System Price: \$ 145,255.00

Total HERS Cost: \$ 1,000.00

Lot Number: _____

Equipment Cost
(before rebate): \$ 93,800.00

PV HERS Cost: \$ 500.00

Final Address: 123 Green Way

Installation Cost: \$ 37,610.00

EE HERS Cost: \$ 500.00

Interconnection Date: 12/14/10

Sales Arrangement:

☒ Purchased ☐ Leased ☐ PPA

Annual kWh: 24,611

New Construction
Building Permit Issue

Date: 12/19/09

Final Equipment Seller Name:

Ashley Construction

Final PV HERS Rater Name and Provider:

Larry Wild

Final System Installer Name:

Ashley Construction

Final EE HERS Rater Name and Provider:

Larry Wild

4. Modifications

Has any of the equipment or installation specifications changed since the reservation was approved? ☐ Yes ☒ No
If yes note the changes before claiming payment.

5. Payment Assignment

Is payment assigned to another party?

☐ Yes (Please fill out all the sections below.)

☒ No (Please skip Section 5 and complete all others.)

Assignment Request

I, _____, the applicant or authorized representative of the applicant as specified on the NSHP-1 form, hereby assign the right to receive payment for the above noted reservation under the NSHP to the following individual or entity and request that payment be forwarded to this individual or entity at the address below. An STD-204 should be submitted for the person/entity receiving the payment, if not already on record with the Energy Commission.

INFORMATION ONLY

Name: _____

Address: _____

Phone Number: _____

As the applicant or authorized representative of the applicant as specified on the NSHP-1 form, I understand that I remain responsible for complying with the requirements of the NSHP and will remain liable for any tax consequences associated with the reservation payment, despite the payment's assignment. I further understand that I may revoke this payment assignment at any time prior to the Energy Commission's processing of the payment by providing written notice to the Energy Commission's Renewable Energy Office.

Signature: _____

Date: _____

Name: _____

Title: _____

6. Signatures

The undersigned party declares under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of his or her knowledge. The party further declares under penalty of perjury that the following statements are true and correct to the best of his or her knowledge:

- (1) The electrical generating system described above and in any attached documents meets the terms and conditions of the Energy Commission's NSHP and has been installed and is operating satisfactorily as of the date stated below.
- (2) The electrical generating system described above and in any attached documents is properly interconnected to the utility distribution grid and has been issued utility approval to operate the system as interconnected to the distribution grid.
- (3) The rated electrical output of the generating system, the physical location of the system, and the equipment identified were installed as stated above.
- (4) Except as noted above, there were no changes in the information previously submitted for this system.

The undersigned party further acknowledges that he or she are aware of the requirements and conditions of receiving funding under the NSHP, including the special reporting and repayment requirements for leased systems and systems providing electricity under a power purchase agreement, and agree to comply with all such requirements and conditions as provided in the Energy Commission's NSHP Guidebook, Third Edition, and Overall Program Guidebook as a condition to receiving funding under the NSHP. As specified in the NSHP Guidebook, the undersigned applicant authorizes the Energy Commission during the term of the NSHP to exchange information on this form with the electric utility servicing the system in order to verify compliance with the NSHP requirements.

Applicant/ Authorized Representative	Required Supporting Documentation	Documents to be Verified by Program Administrator
Name: <u>John Ashley</u>	<ul style="list-style-type: none">• Ten-Year Warranty Form (NSHP-3)• Payee Data Record (STD-204), and IRS W-9 if requested• Lease or Power Purchase Agreement, if applicable	<ul style="list-style-type: none">• Final EPBI Documentation (CF-4R-PV)• Final Energy Efficiency Documentation (CF-4R and/or CF-4R-NSHP)• Utility Approval of Interconnection
Title: <u>Solar Contractor</u>		
Signature: <u>[Signature]</u>		
Date: <u>4/22/10</u>		

For the latest mailing address information, visit [<http://www.gosolarcalifornia.ca.gov/contactus.html>].

PAYEE DATA RECORD

(Required when receiving payment from the State of California in lieu of IRS W-9)

STD. 204 (Rev. 6-2003)

INSTRUCTIONS: Complete all information on this form. Sign, date, and return to the State agency (department/office) address shown at the bottom of this page. Prompt return of this **fully completed** form will prevent delays when processing payments. Information provided in this form will be used by State agencies to prepare Information Returns (1099). See reverse side for more information and Privacy Statement.

NOTE: Governmental entities, federal, State, and local (including school districts), are not required to submit this form.

PAYEE'S LEGAL BUSINESS NAME (Type or Print)

Ashley Construction

SOLE PROPRIETOR - ENTER NAME AS SHOWN ON SSN (Last, First, M.I.)

Ashley, John, M.

E-MAIL ADDRESS

solarconstruct@test.net

MAILING ADDRESS

15 Ohio Way

CITY, STATE, ZIP CODE

Whittier, CA 90602

INFORMATION ONLY

ENTER FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEIN):

_____-_____-_____-_____-_____-_____-_____-_____-

☐ **PARTNERSHIP**

CORPORATION:

☐ **MEDICAL** (e.g., dentistry, psychotherapy, chiropractic, etc.)

☐ **LEGAL** (e.g., attorney services)

☐ **EXEMPT** (nonprofit)

☐ **ALL OTHERS**

☐ **ESTATE OR TRUST**

☒ **INDIVIDUAL OR SOLE PROPRIETOR**
ENTER SOCIAL SECURITY NUMBER:

012-34-5678

(SSN required by authority of California Revenue and Tax Code Section 18646)

NOTE:

Payment will not be processed without an accompanying taxpayer I.D. number.

☒ California resident - Qualified to do business in California or maintains a permanent place of business in California.

☐ California nonresident (see reverse side) - Payments to nonresidents for services may be subject to State income tax withholding.

☐ No services performed in California.

☐ Copy of Franchise Tax Board waiver of State withholding attached.

I hereby certify under penalty of perjury that the information provided on this document is true and correct.
Should my residency status change, I will promptly notify the State agency below.

AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print)

John Ashley

TITLE

Owner

SIGNATURE

DATE

4/22/10

TELEPHONE

(562) 611-0111

Please return completed form to:

Department/Office: California Energy Commission

Unit/Section: Emerging Renewables Program

Mailing Address: 1516 Ninth Street (MS 45)

City/State/Zip: Sacramento, CA 95814-5512

Telephone: () N/A **Fax:** () N/A

E-mail Address: N/A

System Information

This warranty applies to the following 14.48 kW solar electric generating system

Description: 72 Sunpower Corporation SPR-230-WHT-U, 2 SMA America SB7000US (240V)

Located at: 123 Green way, Whittier, CA 93291

What is Covered

This ten-year warranty is subject to the terms below:

INFORMATION ONLY

☐ **All components of the generating system AND the system's installation.** Said warrantor shall bear the full cost of diagnosis, repair, labor, and replacement of any system or system component, at no cost to the customer. Said warrantor also assumes coverage of the major system components in all situations where the manufacturer warranty does not cover the entire ten-year period; or

☒ **System's installation only.** Said warrantor shall bear the full cost of diagnosis, repair, labor, and replacement of any system or system component, exclusive of the manufacturer's coverage, at no cost to the customer. Copies of manufacturer ten-year warranty certificates for the major system components (i.e. photovoltaic modules and inverter MUST be provided with this form).

☐ **Owner-builder or self-installed installation.** Warranty is inclusive only of the manufacturer's coverage. Copies of manufacturer ten-year warranty certificates for the major system components (i.e. photovoltaic modules and inverter MUST be provided with this form). The owner-builder or self-installer assumes coverage of all other aspects of the ten-year warranty.

General Terms

This warranty extends to the original purchaser and to any subsequent purchasers or owners at the same location during the warranty period. For the purpose of this warranty, the terms "purchaser," "subsequent owner," and "purchase" include a lessee, assignee of a lease, and a lease transaction. This warranty is effective from 11/14/10 (date of completion of the system installation).

Exclusions

This warranty does not apply to:

- Damage, malfunction, or degradation of electrical output caused by failure to properly operate or maintain the system in accordance with the printed instructions provided with the system.
- Damage, malfunction, or degradation of electrical output caused by any repair or replacement using a part or service not provided or authorized in writing by the warrantor.
- Damage malfunction, or degradation of electrical output resulting from purchaser or third party abuse, accident, alteration, improper use, negligence or vandalism, or from earthquake, fire, flood, or other acts of God.

Obtaining Warranty Service

Contact the following warrantor for service or instructions:

Name: John Ashley

Phone: (562) 011-0111

Company: Ashley Construction

Fax: ()

Address: 15 Ohio Way, Whittier, CA 90602

Authorized Representative(s): 

Date: _____